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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/929,760	08/14/2001	Scott E. Hrastar	191910-1111	9487

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Scientific Atlanta, Inc.
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EXAMINER

RAMAKRISHNAIAH, MELUR

ART UNIT

PAPER NUMBER

2643

DATE MAILED: 07/05/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 09/929,760	Applicant(s) Scott E. Hrastar et al.
	Examiner Melur. Ramakrishnaiah	Art Unit 2643

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136 (a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) Responsive to communication(s) filed on May 3, 2002

2a) This action is FINAL. 2b) This action is non-final.

3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

Disposition of Claims

4) Claim(s) 1-9 is/are pending in the application.

4a) Of the above, claim(s) _____ is/are withdrawn from consideration.

5) Claim(s) _____ is/are allowed.

6) Claim(s) 1-9 is/are rejected.

7) Claim(s) _____ is/are objected to.

8) Claims _____ are subject to restriction and/or election requirement.

Application Papers

9) The specification is objected to by the Examiner.

10) The drawing(s) filed on _____ is/are a) accepted or b) objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

11) The proposed drawing correction filed on _____ is: a) approved b) disapproved by the Examiner.

If approved, corrected drawings are required in reply to this Office action.

12) The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

13) Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a) All b) Some* c) None of:

1. Certified copies of the priority documents have been received.

2. Certified copies of the priority documents have been received in Application No. _____.

3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

*See the attached detailed Office action for a list of the certified copies not received.

14) Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

a) The translation of the foreign language provisional application has been received.

15) Acknowledgement is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

1) Notice of References Cited (PTO-892)

4) Interview Summary (PTO-413) Paper No(s). _____

2) Notice of Draftsperson's Patent Drawing Review (PTO-948)

5) Notice of Informal Patent Application (PTO-152)

3) Information Disclosure Statement(s) (PTO-1449) Paper No(s). _____

6) Other: _____

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Claim Rejections - 35 USC § 103

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 1-6 are rejected under 35 U.S.C. 103(a) as being unpatentable over Mohammed (US PAT: 5,894,479) in view of Winter et al. (US PAT: 4,814,972, hereinafter Winter).

Regarding claim 1, Mohammed discloses a cable data delivery for delivering digital data to a host location upon a subscriber initiated request, apparatus for authenticating that the subscriber is authorized to use the network, the apparatus comprising: network manager (reads on POP SERVER 38) and a validation agent (reads on CPU 40, fig. 1, col. 6 lines 24-38), the host location (22, fig. 1) including a telephone dial up device (reads on 20, fig. 1) for the subscriber to log on to the network and connect to the network manager using the identification information, wherein the network validation agent (40, fig. 1) authorizes the subscriber to use the network in accordance with a comparison of the identification information to the authorized users (col. 5 lines 56-58, col. 6 lines 24-38).

Regarding claims 2-6, Mohammed further teaches the following: identification includes: a subscriber USERID, a subscriber password (col. 6 lines 35-38), validation agent (40) authorizes

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the subscriber to use the network in accordance with a comparison of the subscriber USERID and the subscriber password to USERIDS and passwords (this is implicit in that reference teaches log in information including password and userid, note: col. 5 lines 56-58, col. 6 lines 24-38), dial up device includes cable data receiver (28, fig. 1) for receiving the digital data (col. 5 lines 34-43).

Mohammed differs from claims 1, 4, 5 in that he does not explicitly teach database for keeping USERIDS and password for authorized users.

However, Winter discloses method and videotex apparatus for fast access of remotely located information which teaches the following: database for keeping USERIDS and password for authorized users (20, fig. 1, col. 3 lines 8-22, col. 8 lines 33-60)

Thus, it would have been obvious to one of ordinary skill in the art at the time invention was made to modify Mohammed's system to provide for the following: database for keeping USERIDS and password for authorized users as this arrangement would be essential for validating and authenticating users in order to access network resources as taught by Winter.

Regarding claims 7-9, Mohammed does not teach the following: call up device is uniquely identify by an electronic identifying number included in database, validation agent authorizes the call up device to receive digital data in accordance with comparison of the identifying number of the call up device with the identifying numbers stored in the database.

However, Winter discloses method and videotex apparatus for fast access of remotely located information which teaches the following: call up device (20, fig. 1, col. 3 lines 8-22) is uniquely identify by an electronic identifying number included in database, validation agent

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authorizes the call up device to receive digital data in accordance with comparison of the identifying number of the call up device with the identifying numbers stored in the database (col. 8 lines 33-60).

Thus, it would have been obvious to one of ordinary skill in the art at the time invention was made to modify Mohammed's system to provide for the following: call up device is uniquely identify by an electronic identifying number included in database, validation agent authorizes the call up device to receive digital data in accordance with comparison of the identifying number of the call up device with the identifying numbers stored in the database as this arrangement would aid in determining the type of the terminal associated with the system among large number of different terminals which access the system as taught by Winter (col. 11 lines 35-68).

Response to Arguments

3. Applicant's arguments filed on 5-3-2002 have been fully considered but they are not persuasive. .

Rejection of claims 1-9 under 103(a) over Mohammed (US PAT: 5,894,479) in view of Winter et al. (US PAT: 4,814,972, hereinafter Winter): Regarding rejection of independent claim 1, Applicant argues That "independent claim 1 specifies that the "validation agent authorizes the subscriber to use the network" (i.e, the cable data delivery network). In contrast, lines 54-58 of column 5 in Mohammed specifies the following:". Regarding this, applicant is attempting to use what is described in lines 54-58 of column 5 in Mohammed out of context. To further clarify this, head end server (8, fig. 1), cannot send any data to the client (22, fig. 1) because the head end

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server (8, fig. 1) does not know the MAC address of the client's cable modem (28, fig. 1). Therefore, client 22 first establishes a dial up connection with server (38, fig. 1), and after authentication at the server (38, fig. 1) sends a start-up packet (112, fig. 1) which contains the MAC address of the client's cable modem (28, fig. 1) to the server (38, fig. 1) which in turn sends this information to the head end server (8, fig. 1). This information is stored at the head end server and head end server uses this information to send downstream data to the client's cable modem (28, fig. 1, col. 6 lines 20-67, col. 7 lines 1-6). As is clear from the above teachings of Mohammed's reference, it clearly teaches the limitation: validation agent (reads on CPU 40, fig. 1, col. 6 lines 24-38) authorizes the subscriber to use the network. Applicant further argues on page 3, paragraph 2, that "In contrast, in the present ... POTS dial up modem". This is clearly out of context interpretation of what is taught by Mohammed's reference as explained above. Furthermore, Mohammed reference also shows another embodiment in fig. 7 in which analog modem (44, fig. 7) is included in the head end server (col. 9 lines 21-31) which also teaches the limitations of claim 1 in view of Winter. In view of the above explanation, rejection of claim 1 is maintained. Regarding rejection of dependent claims, 7-9, Applicant further argues on page 3, paragraph 3, that "Applicant's submit that neither Mohammed, nor Winter discloses an authorization process or apparatus that includes the use of all three of these user items: USERID, password and electronic identifying number". Regarding this, Mohammed teaches authentication of the client (22, fig. 1) by means of USERID, and password (col. 6 lines 35-38) and Winter teaches use of electronic identifying number in connection with user authentication (col. 8 lines

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33-38). Therefore, the combination of Mohammed and Winter teaches claim limitations of claim 7-9, and rejection of the claims is maintained.

4. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Melur Ramakrishnaiah whose telephone number is (703) 305-1461. The examiner can normally be reached on Monday to Friday from 7 AM to 4 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Curtis Kuntz, can be reached on (703) 305-4708. The fax phone number for this Group is (703) 305-9508.

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Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 305-3900.

6. Any response to this action should be mailed to:

Commissioner of Patents and Trademarks

Washington, D.C. 20231

or faxed to:

(703) 308-6306, (for formal communications intended for entry)

Or:

(703) 305-9508 (for informal or draft communications, please label

"PROPOSED" or "DRAFT")

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA., Sixth Floor (Receptionist).



Melur. Ramakrishnaiah
Melur. Ramakrishnaiah

PATENT EXAMINER

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